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McDERMOTT, WILL & EMERY

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FROM:

Attorney: Lawrence T. Cullen Direct Phone: 202-756-8372
 Attorney's E-Mail: lcullen@mwe.com
 Secretary: Jeannette Gilmore Direct Phone: 202-756-8086
 Client/Matter/Tkpr: 43890-401-4715 Date: November 26, 2003 Time Sent: _____
 Number of pages including this page: 14

TO:

Name: Examiner Leo Facsimile No. 703 872-9302
 USPTO
 Company: 09/493,677 Contact No. _____

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 43890001031FAXHHR.001

Docket No.: 43890-401

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
 Kaoru SATO, et al. :
 Serial No.: 09/493,677 : Group Art Unit: 3743
 Filed: January 28, 2000 : Examiner: Leonard R. Leo
 For: HEAT SINK, METHOD OF MANUFACTURING THE SAME AND COOLING APPARATUS USING THE SAME

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an Amendment in the above-identified application.

No additional fee is required.
 Applicant is entitled to small entity status under 37 CFR 1.27
 Also attached:

The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	Fee
Total Claims	24	22	2	\$18.00 =	\$36.00
Independent Claims	6	7	0	\$84.00 =	\$0.00
Multiple claims newly presented					\$0.00
Fee for extension of time					\$0.00
RCE					\$750.00
Total of Above Calculations					\$750.00

Please charge my Deposit Account No. 500417 in the amount of \$36.00. An additional copy of this transmittal sheet is submitted herewith.

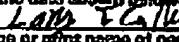
The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 500417, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

MCDERMOTT, WILL & EMERY


 Lawrence T. Cullen
 Registration No. 44,489

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AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 2213-1450

Sir:

In response to the Office action dated August 26, 2003, having a three-month shortened statutory period for response set to expire on November 26, 2003, Applicants respectfully request the above application to be amended as follows:

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Leonard R. Leo
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Leonard R. Leo
Signature
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